

Reply to Office Action dated July 11, 2007

**REMARKS**

This Amendment is being filed simultaneously with a Request for Continued Examination (RCE). This document serves as a Submission under 37 C.F.R. 1.114.

Claims 1-7 and 13-22 are pending in this application. By this Amendment, the specification and claims 1, 4, 6 and 13 are amended and claim 8 is canceled without prejudice or disclaimer. Various amendments are made for clarity and are unrelated to issues of patentability.

The Office Action objects to the Amendment filed April 26, 2007 under 35 U.S.C. §132(a) because it introduces new matter. In order to further prosecution, the specification is amended to recite the features from the original disclosure. Withdrawal of the objection is respectfully requested.

The Office Action rejects claims 1-8 and 13-22 under 35 U.S.C. §102(a) over Applicants' Admitted Prior Art (hereafter AAPA). The rejection is respectfully traversed with respect to the pending claims.

Independent claim 1 recites a multi-chip module in which at least one control chip having a control circuit for controlling the PDP, and at least one memory are mounted on a single package, wherein the multi-chip module is mounted on a printed circuit board (PCB) of a control board, and wherein the multi-chip module includes a plurality of green tapes, and input/output (I/O) lines coupling the at least one control chip and the at least one memory are formed in the plurality of green tapes.

AAPA does not teach or suggest at least these features of independent claim 1. More specifically, AAPA's FIGs. 3-4 do not teach or suggest that a multi-chip module includes a

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plurality of green tapes. Furthermore, AAPA's FIGs. 3-4 do not teach or suggest that input/output (I/O) lines coupling at least one control chip and at least one memory are formed in the plurality of green tapes. Accordingly, AAPA does not teach or suggest all the features of independent claim 1. Thus, independent claim 1 defines patentable subject matter.

Independent claim 4 recites a control board, a plurality of driving units and a PDP. Independent claim 4 further recites that the multi-chip module is mounted on a printed circuit board (PCB), and input/output (I/O) lines connecting the at least one control chip and the at least one memory are not formed directly on the PCB.

AAPA does not teach or suggest at least these features of independent claim 4. That is, AAPA does not teach or suggest that a multi-chip module is mounted on a printed circuit board. Furthermore, AAPA does not teach or suggest input/output (I/O) lines connecting the at least one control chip and the at least one memory are not formed directly on the PCB. Thus, AAPA does not teach or suggest all the features of independent claim 4. Accordingly, independent claim 4 defines patentable subject matter.

Independent claim 13 recites a control board having a circuit board and a multi-chip module on the circuit board, the multi-chip module including a plurality of control chips and a plurality of memories on a package, the control chip including a control circuit to control a PDP. Independent claim 13 further recites that the multi-chip module includes a circuit package having a plurality of circuit layers, and wherein at least one control chip and at least one memory are formed on a front of the circuit package and input/output (I/O) lines are formed through

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the plurality of circuit layers, and the I/O lines connect the at least one control chip and the at least one memory.

AAPA does not teach or suggest at least these features of independent claim 13. More specifically, AAPA does not teach or suggest that the multi-chip module includes a circuit package having a plurality of circuit layers. Furthermore, AAPA does not teach or suggest that at least one control chip and at least one memory are formed on a front of the circuit package and input/output (I/O) lines are formed through the plurality of circuit layers, and the I/O lines connecting the at least one control chip and the at least one memory. Accordingly, AAPA does not teach or suggest all the features of independent claim 13. Thus, independent claim 13 defines patentable subject matter.

For at least the reasons set forth above, each of independent claims 1, 4 and 13 defines patentable subject matter. Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

### **CONCLUSION**

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-7 and 13-22 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

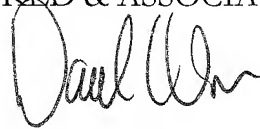
Serial No. **10/645,800**

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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**Date: October 11, 2007**

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